

CLAIMS

1. Method for graphic interfacing between a user and a computer system in which the following operations are performed:

5            - inputting a user request at the level of client terminal,  
          - transmitting the request to a server part in view of being processed  
          and for generating a response,  
          - receiving the response at the level of the client terminal,  
          - displaying the response result for the user,

10           Characterized in that:

- the client terminal receives a response comprising instruction data and data to be displayed;
- at the level of the client terminal, instruction data are executed in order to construct a visualization model to be used ;
- at the level of the client terminal, said visualization model is created through the association of construction elements locally available;
- data to be displayed are merged with the visualization model in order to display merging result.

20           2. Method according to claim 1,

Characterized in that

The construction elements include a descriptive interface of the visualization model objects, a presentation layer and some logical rules to be applied locally to the visualization model.

25           3. Method according to the claims 1 or 2, wherein,

Characterized in that

At the level of the client terminal, among the language resources locally available or downloadable from the server part, one is associated to the created visualization model.

30           4. Method according to any one of the claims 1 or 3,

Characterized in that

At the level of the client terminal, some personalization display filters are associated to the visualization model in order to modify the visual rendering of the default visualization model.

5. Method according to any one of the claims 1 to 4,

Characterized in that,

The instruction data include the indication of the type of construction elements characterizing the visualization model to be created.

5 6. Method according to any one of the claims 1 to 5,

Characterized in that,

Locally available data are updated at the level of the client terminal through the following steps:

- At the level of the server, a storing message is generated which includes storing instruction data and data to be stored,
- Storing message is transmitted to the client terminal,
- At the level of the client terminal, instruction data are interpreted in order to perform the storing, and the data to be stored are stored in a local memory.

10 15 7. Method according to any one of the claims 1 to 6,

Characterized in that,

Display is performed at the level of the client terminal through the use of a navigator.

8. Method according to any one of the claims 1 to 7,

20 Characterized in that,

- Some of the data to be displayed and some construction elements of the visualization models use a XML format;
- Merging result is translated to the HTML format in order to be displayed.

25 9. Graphic interface device between a user and a computer system, comprising:

- Means for inputting a user request at the level of the client terminal,
- Means for communicating between the client terminal and a server part,
- Processing means for generating a response from the server part,
- Means for displaying the result of the response at the level of the client terminal.

30 Characterized in that,

- The response from the server part comprises instruction data and data to be displayed ;
- It includes, at the level of the client terminal, an instructions manager able to interpret the instruction data in order to construct a visualization model to be used ;
- It includes, at the level of the client terminal, an association engine able to create said visualization model through the association of construction elements;
- It includes, at the level of the client terminal, storing means for the construction elements;
- It includes, at the level of the client terminal, means for merging the visualization model and the data to be displayed in order to display the merging result.

10. Device according to claim 9,

15 Characterized in that,

The construction elements include a descriptive interface of the visualization model objects, a presentation layer and some logical rules to be applied locally to the visualization model.

11. Device according to claim 10,

20 Characterized in that

It includes a rules engine able to apply the logical rules of the visualization model.

12. Device according to any one of the claims 9 to 11,

Characterized in that,

25 It includes, at the level of the client terminal, a navigator to display the merging result.